



DEPARTMENT OF THE NAVY

JOINT BASE ANACOSTIA-BOLLING
20 MACDILL BLVD, SUITE 300
WASHINGTON, D.C. 20032-7711

5090
Ser J4/007
February 3, 2016

Karen Crumlish, Branch Chief
Drinking Water Branch (3WP21)
Water Protection Division
U.S. EPA Region 3
1650 Arch Street
Philadelphia, PA 19103-2029

Ms. Crumlish:

Enclosed are the nitrate results from the January 5, 2016 sample event on the Joint Base Anacostia-Bolling (JBAB) Anacostia side. Included with the results are the certificates of analysis and the Chain of Custody Form.

Based on the JBAB-Anacostia sample results, the nitrate analytical results were below the MCL of 10 mg/L.

Please mail all correspondence to:

ATTN: Director, Installation Environmental Program
Department of the Navy
PWD- Joint Base Anacostia-Bolling
370 Brookley Avenue SW
JBAB, Washington, DC 20032-0101

If you have any questions or require further information, please contact Ms. Brooke Shaffer, of my staff, at (202) 404-1273 or via email at brooke.shaffer@navy.mil.

Sincerely,

A handwritten signature in blue ink, reading "Madina M. Alharazim-Plummer".

MADINA M. ALHARAZIM-PLUMMER
By direction

Enclosures: (1) Nitrite certificates of analysis and chain of custody form for January 2016

January 8, 2016

Mr. Kosala De Silva
Inspection Experts, Inc.
8711 Arrowtip Lane
Lewis Center, OH 43035

Certificate of Analysis

Project Name: **JBAB**
Purchase Order:Workorder: **2116913**
Workorder ID: **JBAB**

Dear Mr. Silva:

Enclosed are the analytical results for samples received by the laboratory on Wednesday, January 6, 2016.

The ALS Environmental laboratory in Middletown, Pennsylvania is a National Environmental Laboratory Accreditation Program (NELAP) accredited laboratory and as such, certifies that all applicable test results meet the requirements of NELAP.

If you have any questions regarding this certificate of analysis, please contact Ms. Debra J. Musser (Project Coordinator) at (717) 944-5541.


Analyses were performed according to our laboratory's NELAP-approved quality assurance program and any applicable state requirements. The test results meet requirements of the current NELAP standards or state requirements, where applicable. For a specific list of accredited analytes, refer to the certifications section of the ALS website at www.alsglobal.com/en/Our-Services/Life-Sciences/Environmental/Downloads.

This laboratory report may not be reproduced, except in full, without the written approval of ALS Environmental.

ALS Spring City: 10 Riverside Drive, Spring City, PA 19475 610-948-4903

CC: Mr. George Tsamoulaes

This page is included as part of the Analytical Report and must be retained as a permanent record thereof.


Ms. Debra J. Musser
Project Coordinator

ALS Environmental Laboratory Locations Across North America

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SAMPLE SUMMARY

Workorder: 2116913 JBAB

Lab ID	Sample ID	Matrix	Date Collected	Date Received	Collected By
2116913001	ANA-414	Drinking Water	1/5/2016 08:38	1/6/2016 19:10	Collected by Client
2116913002	ANA-391	Drinking Water	1/5/2016 09:05	1/6/2016 19:10	Collected by Client
2116913003	ANA-409	Drinking Water	1/5/2016 09:31	1/6/2016 19:10	Collected by Client

Notes

- Samples collected by ALS personnel are done so in accordance with the procedures set forth in the ALS Field Sampling Plan (20 - Field Services Sampling Plan).
- All Waste Water analyses comply with methodology requirements of 40 CFR Part 136.
- All Drinking Water analyses comply with methodology requirements of 40 CFR Part 141.
- Unless otherwise noted, all quantitative results for soils are reported on a dry weight basis.
- The Chain of Custody document is included as part of this report.
- All Library Search analytes should be regarded as tentative identifications based on the presumptive evidence of the mass spectra. Concentrations reported are estimated values.
- Parameters identified as "analyze immediately" require analysis within 15 minutes of collection. Any "analyze immediately" parameters not listed under the header "Field Parameters" are preformed in the laboratory and are therefore analyzed out of hold time.
- Method references listed on this report beginning with the prefix "S" followed by a method number (such as S2310B-97) refer to methods from "Standard Methods for the Examination of Water and Wastewater".

Standard Acronyms/Flags

J	Indicates an estimated value between the Method Detection Limit (MDL) and the Practical Quantitation Limit (PQL) for the analyte
U	Indicates that the analyte was Not Detected (ND)
N	Indicates presumptive evidence of the presence of a compound
MDL	Method Detection Limit
PQL	Practical Quantitation Limit
RDL	Reporting Detection Limit
ND	Not Detected - indicates that the analyte was Not Detected at the RDL
Cntr	Analysis was performed using this container
RegLmt	Regulatory Limit
LCS	Laboratory Control Sample
MS	Matrix Spike
MSD	Matrix Spike Duplicate
DUP	Sample Duplicate
%Rec	Percent Recovery
RPD	Relative Percent Difference
LOD	DoD Limit of Detection
LOQ	DoD Limit of Quantitation
DL	DoD Detection Limit
I	Indicates reported value is greater than or equal to the Method Detection Limit (MDL) but less than the Report Detection Limit (RDL)
(S)	Surrogate Compound
NC	Not Calculated
*	Result outside of QC limits

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ANALYTICAL RESULTS

Workorder: 2116913 JBAB

Lab ID: **2116913001**

Date Collected: 1/5/2016 08:38

Matrix: Drinking Water

Sample ID: **ANA-414**

Date Received: 1/6/2016 19:10

Parameters	Results	Flag	Units	RDL	Method	Prepared By	Analyzed	By	Cntr
WET CHEMISTRY									
Nitrate-N	1.5		mg/L	0.20	EPA 300.0		1/7/16 06:05	JP	A

Debra J Musser

Ms. Debra J. Musser

Project Coordinator

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ALS Environmental



34 Dogwood Lane ■ Middletown, PA 17057 ■ Phone: 717-944-5541 ■ Fax: 717-944-1430 ■ www.alsglobal.com

NELAP Certifications: NJ PA010, NY 11759, PA 22-293 DoD ELAP: A2LA 0818.01
State Certifications: DE ID 11, MA PA0102, MD 128, VA 460157, WV 343

ANALYTICAL RESULTS

Workorder: 2116913 JBAB

Lab ID: **2116913002**

Date Collected: 1/5/2016 09:05

Matrix: Drinking Water

Sample ID: **ANA-391**

Date Received: 1/6/2016 19:10

Parameters	Results	Flag	Units	RDL	Method	Prepared By	Analyzed	By	Cntr
WET CHEMISTRY									
Nitrate-N	1.9		mg/L	0.20	EPA 300.0		1/7/16 06:19	JP	A

Debra J Musser

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Project Coordinator

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ANALYTICAL RESULTS

Workorder: 2116913 JBAB

Lab ID: **2116913003**

Date Collected: 1/5/2016 09:31

Matrix: Drinking Water

Sample ID: **ANA-409**

Date Received: 1/6/2016 19:10

Parameters	Results	Flag	Units	RDL	Method	Prepared By	Analyzed	By	Cntr
WET CHEMISTRY									
Nitrate-N	2.1		mg/L	0.20	EPA 300.0		1/7/16 06:35	JP	A



Ms. Debra J. Musser

Project Coordinator

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CHAIN OF CUSTODY/ *DJM* Generated by ALS
REQUEST FOR ANALYSIS

Generated by ALS

COC #

ALS Q102

Lab

Cooler Temp: 3 Therm ID: 352

No. of Coolers: Y N Initial

Custody Seals Present?

(if present) Seals Intact?

Received on Ice?

COC/Labels Complete/Accurate?

Cont. in Good Cond.?

Correct Containers?

Correct Sample Volumes?

Correct Pronunciation?

1000

Courier/Tracking #:

Sample/COC Comments

ALS Field Services: ☐ Pickup ☐ Labor
☐ Composite Sampling ☐ Rental Equipment
☐ Other:

Special Processing

**State Samples
Collected In**

USACE [

Navy E

i

Diagnosis

Let

• **•**

Special [unclear]

Data Deliverables

☐ Standard☐ CLP-like

USACE

Reportable to PADEP?

Yes ☐

PWSID #

EDDS: Format Type:

* G=Grab; C=Composite

**Matrix - AI=Air; DW=Drinking Water; GW=Groundwater; OL=Oil; OL=Other Liquid; SL=Sludge; SO=Soil; WP=Wipe; WW=Wastewater

ALS ENVIRONMENTAL SHIPPING ADDRESS 34 DOGWOOD LANE, MIDDLETOWN, PA 17057

Rev 8/04